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Intellectual Property Causes
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Reston, VA 20191
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Attorney Docket No. P28448**Mail Stop Amendment**

In re application of : Satoshi TAKAHASHI

Application No : 10/549,319
(U.S. National Stage of PCT/JP2004/003485)
Filed : March 16, 2004

Group Art Unit: Not Yet Assigned

Examiner : Not Yet Assigned

For : WAVE DETECTION DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM

Mail Stop Amendment

Commissioner for Patents

U.S. Patent and Trademark Office

Customer Service Window, Mail Stop Amendment

Randolph Building

401 Dulany Street

Alexandria, VA 22314

Sir:

Transmitted herewith is a **Preliminary Amendment** in the above-captioned application.☐ Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.☒ An Information Disclosure Statement, PTO Form 1449, and references cited.☐ No additional fee is required.

The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 12	20	0	X25=	\$	x 50=	\$0.00
Indep. Claims: 6	6	0	X100=	\$	X200=	\$0.00
Multiple Dependent Claims Presented			+180=	\$	+360=	\$0.00
Extension Fees for ____ Month(s)				\$		\$0.00
Total:				\$	Total:	\$0.00

☐ Please charge my Deposit Account No. 19-0089 in the amount of \$ ____.☒ N/A A Check in the amount of \$ ____ to cover the filing/extension fee(s) is included.☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.☒ Any additional filing fees required under 37 C.F.R. 1.16.☒ Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136)(a)(3).

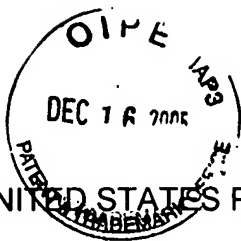
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P28448.A02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi TAKAHASHI

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PRELIMINARY AMENDMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

Prior to an examination of the above-identified patent application, the

Examiner is respectfully requested to amend the Abstract as follows:

Amendments to the Abstract begin on page 2 of this Preliminary
Amendment.

Remarks begin on page 3 of this Preliminary Amendment.